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1 [Enhanced hypertext categorization using hyperlinks](#)

Soumen Chakrabarti, Byron Dom, Piotr Indyk

 June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data**, Volume 27 Issue 2

Full text available: pdf(1.91 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A major challenge in indexing unstructured hypertext databases is to automatically extract meta-data that enables structured search using topic taxonomies, circumvents keyword ambiguity, and improves the quality of search and profile-based routing and filtering. Therefore, an accurate classifier is an essential component of a hypertext database. Hyperlinks pose new problems not addressed in the extensive text classification literature. Links clearly contain high-quality semantic clues that ...

2 [A practical hypertext categorization method using links and incrementally available class information](#)

Hyo-Jung Oh, Sung Hyon Myaeng, Mann-Ho Lee

 July 2000 **Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(674.31 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As WWW grows at an increasing speed, a classifier targeted at hypertext has become in high demand. While document categorization is quite a mature, the issue of utilizing hypertext structure and hyperlinks has been relatively unexplored. In this paper, we propose a practical method for enhancing both the speed and the quality of hypertext categorization using hyperlinks. In comparison against a recently proposed technique that appears to be the only one of the kind, we obtained up to 18.5% of ...

Keywords: text categorization

3 [Hypertext analysis: Automatic categorization of web sites based on source types](#)

Shourya Roy, Sachindra Joshi, Raghu Krishnapuram

 August 2004 **Proceedings of the fifteenth ACM conference on Hypertext & hypermedia**

Full text available: pdf(134.08 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

An important issue with the Web is verification of the accuracy, currency and authenticity of the information associated with Web sites. One way to address this problem is to identify


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1 [Image Retrieval from the World Wide Web: Issues, Techniques, and Systems](#)

M. L. Kherfi, D. Ziou, A. Bernardi

 March 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 1

 Full text available: pdf(294.13 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

With the explosive growth of the World Wide Web, the public is gaining access to massive amounts of information. However, locating needed and relevant information remains a difficult task, whether the information is textual or visual. Text search engines have existed for some years now and have achieved a certain degree of success. However, despite the large number of images available on the Web, image search engines are still rare. In this article, we show that in order to allow people to profi ...

Keywords: Image-retrieval, World Wide Web, crawling, feature extraction and selection, indexing, relevance feedback, search, similarity

2 [Information retrieval on the web](#)

Mei Kobayashi, Koichi Takeda

 June 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 2

 Full text available: pdf(213.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index terms](#)

In this paper we review studies of the growth of the Internet and technologies that are useful for information search and retrieval on the Web. We present data on the Internet from several different sources, e.g., current as well as projected number of users, hosts, and Web sites. Although numerical figures vary, overall trends cited by the sources are consistent and point to exponential growth in the past and in the coming decade. Hence it is not surprising that about 85% of Internet user ...

Keywords: Internet, World Wide Web, clustering, indexing, information retrieval, knowledge management, search engine

3 [Versioning and fragmentation: Managing versions of web documents in a transaction-time web server](#)

Curtis E. Dyreson, Hui-ling Lin, Yingxia Wang

 May 2004 **Proceedings of the 13th international conference on World Wide Web**

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L9	85	8 and (n-dimension\$3 or mulltdimension\$3 or (multiple adj dimension\$3)) adj10 (document or words! or subject)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 08:00
L10	14	9 and index\$5 adj (information or document)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 08:01
L11	6	10 and (metadata or (meta adj data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 08:03